

CLAIMS

1. A self-contained ladder assembly for use on truck trailers comprises, a support portion and a ladder portion, said support portion comprising a mounting frame selectively secured to said truck trailer, said ladder portion comprises, a
5 ladder support frame slidably disposed from said mounting frame, a platform on said ladder support frame, open rung upper and lower stair portions pivotally secured to one another and said ladder support frame, said ladder support frame having oppositely disposed frame elements, means for connecting said ladder support frame with said mounting frame, means for pivotally securing one of said
10 open rung ladder portions to said respective ladder support frame elements, and means for storing said open rung upper and lower stair portions within said ladder support frame.

2. The self-contained ladder assembly for use on truck trailers set forth in claim 1 wherein said mounting frame of said support portion comprises
15 oppositely disposed slide track members with cross brackets extending there between.

3. The self-contained ladder assembly set forth in claim 2 wherein said slide track members have elongated guide track openings therein.

4. The self-contained ladder assembly set forth in claim 1 further
20 comprises hand rail assemblies pivotally extending from said mounting frames.

5. The self-contained ladder assembly set forth in claims 1 and 3 wherein said means for connecting said ladder support frame with said mounting frame comprises multiple wheel assemblies secured to said ladder support frame

elements, guide wheels within said multiple wheel assemblies registerable within said respective elongated guide track openings in said respective side track members.

6. The self-contained ladder assembly set forth in claim 1 wherein said
5 means for pivotally securing one of said open rung stair portions to said
respective frame elements comprises, pairs of guide bearing assemblies on rail
portions of one of said open rung ladder portions are registerable within
contoured guide slots in said respective frame elements.

7. The self-contained ladder assembly set forth in claim 6 wherein said
10 contoured guide slots in said respective frame elements are bifurcated.

8. The self-contained ladder assembly set forth in claim 4 wherein said
respective hand rail assemblies have an elongated slot therein registerable on
guide support bolts extending from said respective mounting frames and means
for securing said hand rails in a first position and in a second extended use
15 position.

9. The self-contained ladder assembly set forth in claim 1 wherein said
platform and said rungs of said respective ladder portions have a textured
surface thereon.

10. The self-contained ladder assembly set forth in claim 3 wherein said
20 elongated guide tracks are vertically offset to one another along a longitudinal
central axis and have respective end areas of increased transverse dimensions.

11. The ladder assembly set forth in claim 1 wherein said means for storing said open rung upper and lower ladder stair portions comprises, pivoting said upper and lower stair portions from a first extended position to a second folded position, sliding said upper and lower stair portions from said second folded position to a third storage position between said respective frame elements of said ladder support frame.

12. The ladder assembly set forth in claim 2 wherein one of said cross brackets comprises a pair of oppositely disposed notched interconnected plates slidably disposed on a portion of said truck trailer, said plates pivotally secured to said respective slide tracks.

13. The ladder assembly set forth in claim 4 wherein said respective handrails are slidably secured to said mounting frame in spaced relation thereto.

14. The ladder assembly set forth in claim 4 wherein said handrails further comprise guide blocks on said respective mounting frames.

15. The ladder assembly set forth in claim 8 wherein said means for securing said respective handrails in a first position and a second extended position comprises guide blocks on said respective mounting frames and a notch in the distal end of said respective handrails registerable on selective guide support bolts.

20